Table 199: Muons in Mix D wax

$\langle Z/A \rangle$	ρ [g/cm^3]	I [eV]	a	$k = m_s$	x_0	x_1	$\overline{C}$	δ_0
0.56479	0.990	60.9	0.07490	3.6823	0.1371	2.7145	3.0780	0.00

T	p [MeV/c]	Ionization	Brems	Pair prod	Photonucl	Total	CSDA range [g/cm^2]
		[MeV cm^2/g]					
10.0 MeV	4.704×10^1	8.322				8.322	6.628×10^{-1}
14.0 MeV	5.616×10^1	6.485				6.486	1.213×10^0
20.0 MeV	6.802×10^1	5.060				5.060	2.273×10^0
30.0 MeV	8.509×10^1	3.922				3.922	4.549×10^0
40.0 MeV	1.003×10^2	3.347				3.347	7.327×10^0
80.0 MeV	1.527×10^2	2.505				2.506	2.158×10^1
100. MeV	1.764×10^2	2.346				2.346	2.985×10^1
140. MeV	2.218×10^2	2.182				2.182	4.761×10^1
200. MeV	2.868×10^2	2.087				2.087	7.584×10^1
300. MeV	3.917×10^2	2.049			0.000	2.049	1.243×10^2
328. MeV	4.201×10^2	2.048			0.000	2.048	*Minimum ionization*
400. MeV	4.945×10^2	2.053			0.000	2.053	1.731×10^2
800. MeV	8.995×10^2	2.125	0.000		0.000	2.125	3.647×10^2
1.00 GeV	1.101×10^3	2.158	0.000		0.000	2.159	4.581×10^2
1.40 GeV	1.502×10^3	2.213	0.000		0.001	2.214	6.409×10^2
2.00 GeV	2.103×10^3	2.274	0.000	0.000	0.001	2.276	9.079×10^2
3.00 GeV	3.104×10^3	2.344	0.001	0.001	0.001	2.347	1.340×10^3
4.00 GeV	4.104×10^3	2.392	0.001	0.001	0.002	2.396	1.762×10^3
8.00 GeV	8.105×10^3	2.503	0.003	0.003	0.004	2.513	3.387×10^3
10.0 GeV	1.011×10^4	2.537	0.004	0.004	0.005	2.550	4.177×10^3
14.0 GeV	1.411×10^4	2.587	0.006	0.007	0.007	2.606	5.727×10^3
20.0 GeV	2.011×10^4	2.637	0.010	0.011	0.009	2.667	8.002×10^3
30.0 GeV	3.011×10^4	2.691	0.016	0.019	0.014	2.740	1.170×10^4
40.0 GeV	4.011×10^4	2.728	0.022	0.028	0.018	2.797	1.531×10^4
80.0 GeV	8.011×10^4	2.813	0.051	0.068	0.035	2.967	2.917×10^4
100. GeV	1.001×10^5	2.840	0.066	0.090	0.043	3.039	3.583×10^4
140. GeV	1.401×10^5	2.879	0.098	0.136	0.060	3.172	4.871×10^4
200. GeV	2.001×10^5	2.921	0.147	0.208	0.085	3.360	6.708×10^4
300. GeV	3.001×10^5	2.968	0.232	0.330	0.127	3.657	9.559×10^4
400. GeV	4.001×10^5	3.001	0.321	0.459	0.169	3.950	1.219×10^5
800. GeV	8.001×10^5	3.082	0.690	0.992	0.341	5.106	2.107×10^5
1.00 TeV	1.000×10^6	3.108	0.881	1.269	0.429	5.687	2.478×10^5
1.20 TeV	1.199×10^6	3.130	1.072	1.541	0.517	6.260	*Muon critical energy*
1.40 TeV	1.400×10^6	3.148	1.267	1.819	0.608	6.842	3.118×10^5
2.00 TeV	2.000×10^6	3.191	1.859	2.663	0.881	8.594	3.899×10^5
3.00 TeV	3.000×10^6	3.241	2.853	4.068	1.350	11.511	4.902×10^5
4.00 TeV	4.000×10^6	3.276	3.865	5.493	1.827	14.461	5.675×10^5
8.00 TeV	8.000×10^6	3.364	7.966	11.237	3.814	26.382	7.693×10^5
10.0 TeV	1.000×10^7	3.393	10.042	14.131	4.839	32.404	8.376×10^5
14.0 TeV	1.400×10^7	3.437	14.185	19.895	6.950	44.467	9.426×10^5
20.0 TeV	2.000×10^7	3.484	20.456	28.592	10.195	62.727	1.056×10^6
30.0 TeV	3.000×10^7	3.539	30.898	43.059	15.831	93.327	1.186×10^6
40.0 TeV	4.000×10^7	3.578	41.400	57.574	21.617	124.169	1.278×10^6
80.0 TeV	8.000×10^7	3.676	83.506	115.687	45.918	248.786	1.501×10^6
100. TeV	1.000×10^8	3.708	104.615	144.778	58.521	311.622	1.573×10^6